

Work Order ID 133567

Wednesday, June 10, 2015 12:48:12 PM

133567

Page 1

Item ID: D5066-7 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Placard (Cargo Release)
Start Date: 6/10/2015 Start Qty: 10.00 ***10*** Cust Item ID:
Required Date: 6/10/2015 Req'd Qty: 10.00 ***10*** Customer:
Reference:

Approvals: Process Plan: MLJ Date: JUN 10 2015 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____
Run Start ***NR1***
Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D5066	D								

100 0.00

100

Purchasing

Purchasing

Memo

ISSUE PO : 29013
TO: RED BARN
MANUFACTURE AS PER DWG
C OF C IS REQUIRED

0.00

CL JUL 02 2015 10

110 Receive & Inspect for Damage & Mat'l Certs 0.00

110

Packaging

Packaging

Memo

0.00

10 DAS 6 9-89 AUG 24 2015

120 QC5- Inspect part completeness to step on W/O 0.00

120

QC

Quality Control

Memo

0.00

(10) DAS 38 9-89

AUG 24 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐				

Work Order ID 133567

Wednesday, June 10, 2015 12:48:12 PM

133567

Page 2

Item ID: D5066-7 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Placard (Cargo Release)
 Start Date: 6/10/2015 Start Qty: 10.00 ***10*** Cust Item ID:
 Required Date: 6/10/2015 Req'd Qty: 10.00 ***10*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: ST/SSA	0.00					27		
130						10	9-89		
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

AUG 26 2015

ML5

AUG 26 2015

ML5

AUG 26 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

Picklist Print

Wednesday, June 10, 2015 12:48:17 PM

Page 1

Work Order ID: 133567

133567

Parent Item: D5066-7

D5066-7

Parent Item Name: Placard (Cargo Release)

Start Date: 6/10/2015

Required Date: 6/10/2015

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP REV:A 14.11.17 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D5066-7P		Purchased		No			Each	0.0000		10			
D5066-7P										**			
Cargo Hook Placards										DAS			
										6			
										2.89			
										AUG 24 2015			

DQA: _____ Date: _____

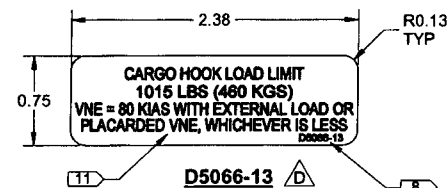
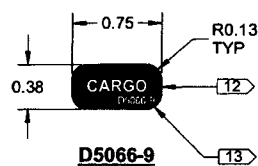
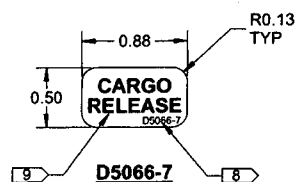
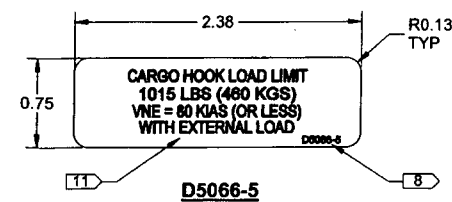
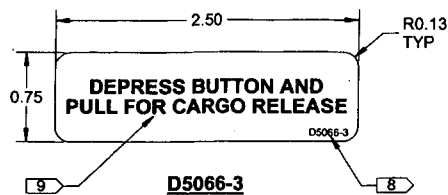
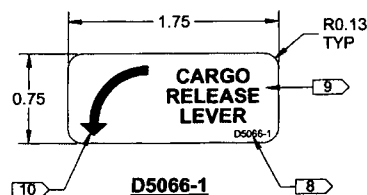


WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					



RELEASED

2015 MAR 26
A.P. ECU 15-SS4

NOTES:

- 1) MATERIAL: 3M 7 MIL MASKING FILM #8522CP OR AVERY IPM #2031
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: LESS THAN 0.01lbs
- 8) 6 PT ARIAL FONT, BLACK TEXT ON WHITE BACKGROUND
- 9) 12 PT ARIAL BOLD FONT, RED TEXT ON WHITE BACKGROUND
- 10) SOLID RED ARROW ON WHITE BACKGROUND
- 11) 10 PT ARIAL FONT, BLACK TEXT ON WHITE BACKGROUND
- 12) 10 PT ARIAL BOLD FONT, WHITE TEXT ON BLACK BACKGROUND
- 13) 6 PT ARIAL FONT, WHITE TEXT ON BLACK BACKGROUND

UNCONTROLLED COPY
SUBJECT TO AMENDMENT

WITHOUT NOTICE

NO. 133567-MLJ

1506-10

D	ADDED D5066-13	AK	15.03.02
C	REVISED D5066-5, REVISED NOTE 11	DW	15.02.12
B	REMOVED D5066-11, REVISED MAX LOAD (ZNC1-1)	ML	14.06.03
A	NEW ISSUE	ML	14.02.18
REV.	DESCRIPTION	BY	DATE
DESIGN	ML	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AK		
CHECKED	RF	DRAWING NO.	REV. D
MFG. APPR.	JLM	D5066	SHEET 1 OF 1
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	CARGO HOOK PLACARDS	NTS
DATE	15.03.02	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

APPROVED



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29013**

Purchase Order Date 7/2/2015 1:26:29 PM

PO Print Date 8/17/2015

Page Number 1 of 3

Order From :

RED BARN MACHINE INC.
190 S DANEBOW AVE.
EUGENE, OR 97402
USA

VU-RED001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED

Contact Name

Vendor Phone

541-344-9953

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship To Contact

Ship To Phone

Ship Via:

FedEx Overnight collect

Ship Acct:

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D4983-041P AS PER DWG D4983 REV. F B133553,B133554,B133555,B133556,B133557,B133558,B133559,B133560,B133561,B133562	Cargo Hook Assembly	8/21/2015 Yes 8/21/2015	FN	10.00 Each	\$1,500.00	\$15,000.00
						Line Total:	\$15,000.00
2	D5051-041P AS PER DWG D5051 REV. C B133563	Cyclic Switch Housing Assembly	8/21/2015 Yes 8/21/2015	FN	10.00 Each	\$300.00	\$3,000.00
						Line Total:	\$3,000.00

Note:

8/17/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29013**

Purchase Order Date 7/2/2015 1:26:29 PM
PO Print Date 8/17/2015

Page Number 2 of 3

Order From :

VU-RED001

Ship To : DART AEROSPACE LTD

RED BARN MACHINE INC.
190 S DANEBO AVE.
EUGENE, OR 97402
USA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

541-344-9953

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

FedEx Overnight collect

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

3	D5066-3P ✓	Cargo Hook Placards	8/21/2015 FN Yes 8/21/2015	10.00 Each	\$2.94	\$29.45
---	------------	---------------------	----------------------------------	---------------	--------	---------

AS PER DWG D5066 REV. D
B133565

Line Total: \$29.45

4	D5066-5P ✓	Cargo Hook Placards	8/21/2015 FN Yes 8/21/2015	10.00 Each	\$2.94	\$29.45
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AS PER DWG D5066 REV. D
B133566

Line Total: \$29.45

5	D5066-7P ✓	Cargo Hook Placards	8/21/2015 FN Yes 8/21/2015	10.00 Each	\$2.94	\$29.45
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AS PER DWG D5066 REV. D
B133567

Line Total: \$29.45

Note:

8/17/2015

15708124
30



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29013**

Purchase Order Date 7/2/2015 1:26:29 PM

PO Print Date 8/17/2015

Page Number 3 of 3

Order From :

RED BARN MACHINE INC.
190 S DANEBOL AVE.
EUGENE, OR 97402
USA

VU-RED001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

541-344-9953

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Ship To Contact

Ship To Phone

Terms

Net 30

Ship Via:

FedEx Overnight collect

Currency

USD

Ship Acct:

FOB

Destination-Collect

6	D5066-9P	Cargo Hook Placards	8/21/2015	FN	10.00	\$2.94	\$29.45
---	----------	---------------------	-----------	----	-------	--------	---------

Yes

Each

8/21/2015

AS PER DWG D5066 REV. D
B133568

Line Total: \$29.45

7	71401-45	PROCUREMENT QUALITY CLAUSES	8/21/2015		1.00	\$0.00	\$0.00
---	----------	--------------------------------	-----------	--	------	--------	--------

No

8/21/2015

PROCUREMENT QUALITY CLAUSES
A034 INTER COMPANY SHIPPERS

Line Total: \$0.00

8	73000-45	TRANSFER 15%	8/21/2015		10.00	\$271.77	\$2,717.66
---	----------	--------------	-----------	--	-------	----------	------------

Yes

Each

8/21/2015

Line Total: \$2,717.66

PO Total: \$20,835.44

Note: Terms & Condition of Purchasing (Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr:

Change Date: 8/17/2015



Pack Slip: 18559
18559

Page: 1 of 1

Ship To:

DART AEROSPACE LTD.
1270 ABERDEEN STREET
HAWKESBURY ONTARIO K6A 1K7
CANADA

Phone: 800-556-4166
Fax: 714-755-2995

Sold To: CHANTAL LAVOIE

DART AEROSPACE LTD.
1270 ABERDEEN STREET
HAWKESBURY ONTARIO K6A 1K7
CANADA

Phone: 800-556-4166
Fax: 613-632-4443
dkennedy@dartaero.com

Ship Date: 8/14/2015

Ship Via: FEDEX P1 COLLECT

F.O.B.: EUGENE, OR

Order: 16618

PO: 29013

Salesperson: ERIC BACON

DART ACCT

PO

Line	Qty	Unit Price	Subtotal	Part Number	Description	Rev
10.00	10.00	SPH		D4983-041P		F
				CARGO HOOK ASSEMBLY		
10.00	10.00	SPH		D5051-041P		
				CYCLIC SWITCH HOUSING ASSEMBLY		
10.00	10.00	SPH		D5066-3P		
				CARGO HOOK PLACARDS		
10.00	10.00	SPH		D5066-5P		
				CARGO HOOK PLACARDS		
10.00	10.00	SPH		D5066-7P		
				CARGO HOOK PLACARDS		
10.00	10.00	SPH		D5066-9P		
				CARGO HOOK PLACARDS		

Dart Aerospace hereby certifies that all materials used in the manufacturing of our tools are new and meets all specifications called out in all applicable blueprints and drawings. All standard machining and manufacturing procedures are strictly followed.

Signed

PackSlip:8.03:01

190 S. Danebo Avenue
Eugene, OR, USA 97402
dartaerospace.com

T 1 541 344-9953
F 1 541 344-3863

Sales
T 1 800 556-4166
F 1 613 632-4443
E sales@dartaero.com

Mission
Ready.



190 S Danebo Ave
Eugene, OR 97402
USA
Tel: 541.334.9953
Fax: 541.344.3863

Certificate of Conformance

Customer: DART Aerospace LTD. (Hawkesbury)

Purchase Order: 29013

Part Number	Description	Quantity	Batch
D5066-5P	Cargo Hook Placard	1	01-16270-11
D5066-5P	Cargo Hook Placard	1	01-16270-12
D5066-5P	Cargo Hook Placard	1	01-16270-13
D5066-5P	Cargo Hook Placard	1	01-16270-14
D5066-5P	Cargo Hook Placard	1	01-16270-15
D5066-5P	Cargo Hook Placard	1	01-16270-16
D5066-5P	Cargo Hook Placard	1	01-16270-17
D5066-5P	Cargo Hook Placard	1	01-16270-18
D5066-5P	Cargo Hook Placard	1	01-16270-19
D5066-5P	Cargo Hook Placard	1	01-16270-20

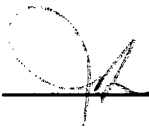
Packing Slip Number: 18559

SP15-08-17

ALL MATERIALS, PARTS, COMPONENTS HAVE BEEN INSPECTED AND HAVE BEEN MANUFACTURED TO THE DRAWINGS LISTED ON :

D5066 Rev. D

Date of MFG 4-30-2015

Approved By: 

Date: 8-10-2015

Quality Assurance Manager

190 S. Danebo Avenue
Eugene, OR, USA 97402
dartaerospace.com

T 1 541 344-9953
F 1 541 344-3863

Sales
T 1 800 556-4166
F 1 613 632-4443
E sales@dartaero.com

Mission
Ready.